



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

COOPER et al.

Atty. Ref.: 2476-30

Serial No. 10/603,092

TC/A.U.: 2851

Filed: June 25, 2003

Examiner:

For: PROGRAMMABLE PHOTOLITHOGRAPHIC MASK SYSTEM AND
METHOD

* * * * *

February 19, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with Rule 97, the undersigned attorney submits the documents listed on the attached form PTO-1449. A copy of each document is enclosed.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy to the undersigned as an indication that the attached documents have been considered and made of record in this case.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

A handwritten signature in black ink that appears to read "Faris".

Robert W. Faris
Reg. No. 31,352

RWF:ejs

1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

INFORMATION DISCLOSURE
CITATION

Atty. Docket No. 2476-30 Serial No. to be assigned
 Applicant COOPER et al. Group
 Filing Date Concurrently Herewith

U.S. PATENT DOCUMENTS

EXAMINER/TRADEMARK OFFICE INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,445,827	01/1966	Keyes			
	3,512,041	09/1967	Daimasso			
	3,543,031	11/1970	Kazan et al.			
	3,704,052	11/1972	Coleman			
	3,982,239	09/1976	Sherr			
	4,050,814	09/1977	McFadden			
	4,193,183	03/1980	Klein			
	4,586,053	04/1986	Hughes			
	4,644,342	02/1987	Abbas			
	4,653,860	03/1987	Hendrix			
	4,985,897	01/1991	Botez et al.			
	5,045,419	09/1991	Okumura			
	5,078,474	01/1992	Marui et al.			
	5,082,775	01/1992	Liu			
	5,138,368	08/1992	Kahn et al.			
	5,253,011	10/1993	Zahn et al.			
	5,278,629	01/1994	Schlager et al.			
	5,343,271	08/1994	Morishige			
	5,362,940	11/1994	MacDonald et al.			
	5,374,974	12/1994	Rostoker et al.			
	5,412,595	05/1995	Shannon			
	5,451,766	09/1995	Van Berkel			
	5,502,585	03/1996	Qian			
	H1525	04/1996	Geil et al.			
	5,509,553	04/1996	Hunter Jr. et al.			
	5,527,645	06/1996	Pati et al.			
	5,643,700	07/1997	Otsuka			
	5,660,738	08/1997	Hunter Jr. et al.			
	5,686,979	11/1997	Weber et al.			
	5,691,541	11/1997	Ceglio et al.			
	5,705,322	01/1998	West et al.			
	5,742,362	04/1998	Chikamichi			
	5,774,575	06/1998	Tanaka et al.			
	5,858,577	01/1999	Lee et al.			
	5,955,749	09/1999	Joannopoulos et al.			
	6,278,142	08/2001	Hynecek			
	6,291,110	09/2001	Cooper et al.			

Date Considered

*Examiner

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION



Atty. Docket No.

Serial No.

2476-30

to be assigned

Applicant

COOPER et al.

Filing Date

Group

Concurrently Herewith

FOREIGN PATENT DOCUMENTS

TRANSLATION

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

- Yu and Cardona, *Fundamentals of Semiconductors: Physics and Material Properties* (1999) at page 196
- Tutorial at <http://plc.cwru.edu/tutorial/enhanced/files/lcd/tn/tn.htm>:
- *IBM Technical Disclosure Bulletin*, Vol. 34 No. 10A, "Ultra-Resolution Image Transfer," (March 1992)
- Paufler et al., "High-throughput optical direct write lithography," *Solid State Technology*, pp. 175, 176, 178, 180, 182 (June 1997)
- Kuwamura et al., "Analysis of Operating Mechanism in Semiconductor Optical Modulator with Electron-Depleting Adsorption Control," *Electronics and Communications in Japan*, Pt. 2, Vol. 79, No. 5, pp. 616-625 (1996)
- Kuwamura et al., "Design and Fabrication of a Surface-Illuminated-Type Semiconductor Optical Modulator With Electron-Depleting Adsorption Control," *Electronics and Communications in Japan*, Pt. 2, Vol. 81, No. 11, pp. 55-56 (1998)
- Yamada et al., "A Semiconductor Optical Switch Utilizing Optical Absorption in Depletion Layer," *CLEO* 1991, page 158
- Kuwamura, et al.; "Panel-Type Semiconductor Optical Modulator Using Electron Depleting Absorption Control," *Jpn. J. Appl. Phys.* Vol. 32 (1993), pp. 578-582, Part 1, No. 1B (January 1993)
- Binet et al., "Electric field effects on excitons in gallium nitride," *PHYSICAL REVIEW B*, Vol. 54, Number 11 (9/15/1996).

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.